



**Supply Chain Management
TOMS 5314 D
Winter 2020**

Professor	Amir Khataie
Office	DT 1009A
Telephone	(613)301-9733
E-Mail	amir.khataie@carleton.ca
Office Hours	Monday (16:30 – 17:30) - Only <i>by appointment</i>
Class Location	DT701
Class Hours	Monday 18:05 – 20:55
Prerequisite(s)	BUSI 5801

Course Deliverable	Due Date	Weight on Final Grade
Simulation Report	Monday, January 13 th at 18:35	15%
Case Studies	(1) Monday, January 27 th at 18:35 (2) Monday, February 10 th at 18:35	20%
Team Project Report	Monday, February 24 th at 18:35	25%
Final Exam	Final exam duration is 3 hours – February 2020	40%

Course Description

Organizational, strategic and operational aspects of managing supply chain from domestic and international perspectives. Outsourcing strategies, supplier relationship and information sharing, supplier networks, contracting and procurement management, logistic integration, role of information technology, and supply chain performance and metrics.

Course Learning Objectives

At the end of this course the student should:

- Be able to understand the strategic issues in supply chain management such as supply chain coordination, lean in supply chain, network analysis, supply chain and sustainability;
- Be able to use a methodology to derive a supply chain solution;
- Be knowledgeable about ecommerce supply chain
- Be knowledgeable about how companies and associations are dealing with issues associated to supply chain management; and,
- Be able to describe supply chain management as a system involving customers, producers and suppliers.

Course Structure

Each week, there will be a class, on Monday from 18:05 to 20:55 at **DT701**. Students should come prepared for class, having read the appropriate chapter before each lecture. In addition to that, students will submit a group project report, three case study reports, and a report on in-class simulation exercise.

In the course schedule on page 5 of this outline, there is a detailed list of readings from the text, as well as suggested problems to attempt after the relevant materials have been covered in class.

Textbook/Course Package

S. Chopra and P. Meindl; *Supply Chain Management: Strategy, Planning, and Operation*, 7th Edition, Pearson, 2018.

Method of Evaluation

<i>Deliverable</i>	<i>Value</i>
Simulation Report	15 %
Case Studies (2 *10%)	20 %
Group Project	25 %
Final Exam	40 %
Total	100%

*Please note that it is not possible to submit extra course work in order to improve your mark.

Simulation Report (15%)

- Each team should submit a 5-page report on their simulation exercise (excluding the cover page). Students should clearly explain the problems and challenges associated to the lack of coordination in a supply chain and elaborate their findings and experiment on following different approaches to establish a collaboration model within their team during the simulation game.

Case Study Challenge (20%)

- Report - Each team should submit a 3-page report on their findings and analysis of the case; all the case study questions should be answered in the report.
- Class Participation – A candidate from each group is expected to provide the summary of the group finding in the in-class case discussion. Aside of the official statement/opinion presented by each team speaker, students are encouraged to participate voluntary in the discussion.

Final Project Report (25%)

- Each team should submit a report of maximum of 7 pages on ecommerce supply chain. The goal of the project is to motivate students to study ecommerce supply chain and enhance their understanding on one of the most challenging supply chain network. Teams are requested to completely map out all the steps of online shopping supply chain. This includes stating the supply chain partners, elaborates their role, and identify each member specific problem and challenges to participate effectively in fulfilling the order. Teams are not limited to topics learned in this course, for example, you could study an issue or problem discussed in the textbook, but not covered in this course or use online sources.

Final Examination (40%)

The final exam duration is 3hrs and it consists of multiple choice questions, conceptual and calculation questions to verify one's knowledge of the major concepts discussed in the course. Students are allowed to use calculator in the exam.

Report/Assignments Submission Criteria

All projects and reports should be submitted in a group of 5 students. All reports must be typewritten. The main body font should be Times New Roman 12, double spaced. The top and bottom margins should be 1 inch; the left and right margins should be 1.25 inches. The titles should be in bold format and size 14pt.

Students are asked to consult and familiarize themselves with the Carleton University Academic Integrity, website: <http://carleton.ca/studentaffairs/academic-integrity>.

The following grading rubric will be used to evaluate all the reports associated with this course. Students are advised to review the rubric carefully and to keep its key points in mind. However, your real evaluation will be based on the knowledge that you grasp through every course lecture and the assigned readings. While the report format is important, you have to always keep in mind the learning objectives of the course.

Key Points	Poor (50-69%)	Acceptable (70-79%)	Excellent (80%+)
Background analysis	Repeating the case details as presented. No evidence of understanding or linkage to case / global events. Impact on organizations not well defined.	Provides an integrated view of the case material and the global business environment at the time the case takes place. The core challenge in the case is identified and presented.	A comprehensive and concise summary of case facts and global business environment factors is presented. The core case challenge is identified and related to a theoretical topic.
Analysis & formulation of strategy and conclusions	Case analysis is one-dimensional, lacking insight. No business theory is applied for analysis. No clear conclusion is provided.	Analysis demonstrates adequate understanding of the course learning to date. The theory behind analysis is clearly demonstrated and followed up. A solid conclusion that can answer the case challenges is provided.	Analysis demonstrates multiple perspectives and a sound understanding of the challenges involved in leading and managing an enterprise. Hybrid theory is used to answer the case challenges. Conclusion is not only limited to address the current issues but also identifies other business factors.
Format & Presentation	The requested template and is not followed in a professional manner. The presentation does not show the analysis.	Submission is using the correct template and critical points are clearly demonstrated in presentation.	Submission and presentation is using the correct template and they are suitable to a business environment.

Course Schedule

	Date	Topic	Chapter	Assignments
Session 1	6-Jan	Introduction to the supply chain and supply chain coordination	1,10	
Session 2	13-Jan	Lean manufacturing and the supply chain		Report Submission - Simulation
Session 3	20-Jan	Supply chain performance	2,3	Discussion - Case 1
Session 4	27-Jan	Review on supply chain planning	7,8	Guest Speaker & Report Submission - Case 1
Session 5	03-Feb	Designing distribution networks and Network design in the supply chain	4,5	Discussion - Case 2
Session 6	10-Feb	Revenue management in a supply chain	9,16	Report Submission - Case 2

*Please note that some topics discussed in class are not covered in the textbook.

IMPORTANT ADDITIONAL INFORMATION

Course Sharing Websites

Student or professor materials created for this course (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the author(s). They are intended for personal use and may not be reproduced or redistributed without prior written consent of the author(s).

Policy on Mobile Devices

The use of mobile devices IS NOT PERMITTED in this class. It is disruptive to the instructor and class members. If you carry such a device to class, please make sure it is turned off. If an emergency situation requires you to keep it turned on, please discuss this with your instructor prior to class.

Group Work

The Sprott School of Business encourages group assignments in the school for several reasons. They provide you with opportunities to develop and enhance interpersonal, communication, leadership, followership and other group skills. Group assignments are also good for learning integrative skills for putting together a complex task. Your instructor may assign one or more group tasks/assignments/projects in this course. Before embarking on a specific problem as a group, it is your responsibility to ensure that the problem is meant to be a group assignment and not an individual one.

Academic Regulations

University rules regarding registration, withdrawal, appealing marks, and most anything else you might need to know can be found on the university's website, here:

<http://calendar.carleton.ca/undergrad/regulations/academicregulationsoftheuniversity/>

Requests for Academic Accommodation

You may need special arrangements to meet your academic obligations during the term. For an accommodation request, the processes are as follows:

Pregnancy obligation

Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website: carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Religious obligation

Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. For more details, visit the Equity Services website: carleton.ca/equity/wp-content/uploads/Student-Guide-to-Academic-Accommodation.pdf

Academic Accommodations for Students with Disabilities

If you have a documented disability requiring academic accommodations in this course, please contact the Paul Menton Centre for Students with Disabilities (PMC) at 613-520-6608 or pmc@carleton.ca for a formal evaluation or contact your PMC coordinator to send your instructor your Letter of Accommodation at the beginning of the term. You must also contact the PMC no later than two weeks before the first in-class scheduled test or exam requiring accommodation (if applicable). After requesting accommodation from PMC, meet with your instructor as soon as possible to ensure accommodation arrangements are made. carleton.ca/pmc

Survivors of Sexual Violence

As a community, Carleton University is committed to maintaining a positive learning, working and living environment where sexual violence will not be tolerated, and its survivors are supported through academic accommodations as per Carleton's Sexual Violence Policy. For more information about the services available at the university and to obtain information about sexual violence and/or support, visit: carleton.ca/sexual-violence-support

Accommodation for Student Activities

Carleton University recognizes the substantial benefits, both to the individual student and for the university, that result from a student participating in activities beyond the classroom experience. Reasonable accommodation must be provided to students who compete or perform at the national or international level. Please contact your instructor with any requests for academic accommodation during the first two weeks of class, or as soon as possible after the need for accommodation is known to exist. <https://carleton.ca/senate/wp-content/uploads/Accommodation-for-Student-Activities-1.pdf>

For more information on academic accommodation, please contact the departmental administrator or visit: students.carleton.ca/course-outline

Academic Integrity

Violations of academic integrity are a serious academic offence. Violations of academic integrity – presenting another’s ideas, arguments, words or images as your own, using unauthorized material, misrepresentation, fabricating or misrepresenting research data, unauthorized co-operation or collaboration or completing work for another student – weaken the quality of the degree and will not be tolerated. Penalties may include; a grade of Failure on the submitted work and/or course; academic probation; a refusal of permission to continue or to register in a specific degree program; suspension from full-time studies; suspension from all studies at Carleton; expulsion from Carleton, amongst others. Students are expected to familiarize themselves with and follow the Carleton University Student Academic Integrity Policy which is available, along with resources for compliance at: <https://carleton.ca/registrar/academic-integrity/>.

Sprott Student Services

The Sprott student services office, located in 710 Dunton Tower, offers academic advising, study skills advising, and overall academic success support. If you are having a difficult time with this course or others, or just need some guidance on how to successfully complete your Sprott degree, please drop in any weekday between 8:30am and 4:30pm. Our advisors are happy to discuss grades, course selection, tutoring, concentrations, and will ensure that you get connected with the resources you need to succeed! <http://sprott.carleton.ca/students/undergraduate/learning-support/>

Centre for Student Academic Support

The Centre for Student Academic Support (CSAS) is a centralized collection of learning support services designed to help students achieve their goals and improve their learning both inside and outside the classroom. CSAS offers academic assistance with course content, academic writing and skills development. Visit CSAS on the 4th floor of MacOdrum Library or online at: carleton.ca/csas.

Important Information:

- Students must always retain a hard copy of all work that is submitted.
- All final grades are subject to the Dean’s approval.
- For us to respond to your emails, we need to see your full name, CU ID, and the email must be written from your valid CARLETON address. Therefore, in order to respond to your inquiries, please send all email from your Carleton CMail account. If you do not have or have yet to activate this account, you may wish to do so by visiting <http://carleton.ca/ccs/students/>